SUBJECT INDEX

Acid, effect on stability of *Clostridium botulinum* type E toxin 619
Aerobic microflora of Scotch haggis 111
Air-drying of foods, temperature prediction 361
Air-drying of grain sorghum 523
Alginate-plasma, spun fibres, properties of 319
Alteromonas putrefaciens and *Lactobacillus* interaction in vacuum-packaged meat 227
Amino acids, solutions, water activity of 383
Amino groups, free, in meat proteins 311
Analysis of foods by high pressure liquid chromotography 93
Analysis, proximate of winged beans 469
Apples, chlorophyll content and colour of 493
Apples, volatile components of 485
Aqueous extraction of black leaf tea 369
Ascorbic acid content of mangoes 669
Ascorbic acid content of Papua New Guinean fruits 459
Assessment of baking quality of wheat flours 43
Assessment of cooking of potatoes 1
Assessment, organoleptic, of chilled Patagonian hake 285
Assessment, organoleptic, of frozen okra 429
a_w, of aqueous solution, prediction of 47, 59
a_w, of amino acid solutions 383

Bacillus subtilis spores, resistance to hydrogen peroxide 169
Bacon, effect of sex, breed and carcass pH on cure quality 629
Baking quality of wheat flours, assessment of 43
Banana, intermediate-moisture, quality of 557
Beans, winged, analysis of 469
Beans, winged, carbohydrates of 477
Beet, frozen, ice morphology in 589
Beet powder, red as a food colour 501
Benzanthracene in phenolic smoke concentrates 413
3,4 – benzopyrene in phenolic smoke concentrates 413
Bioluminescence, determination of oxygen transmission through plastic films 389
Bitterness of methyl α-D-mannopyranoside in cocoa drinks 549
Boiling point rise of orange juice 265
Book reviews:
Applied Protein Chemistry 466
Aquaculture and Algae Culture: Processes and Products 572

Clinical Nutrition 567
Cold Tolerant Microbes in Spoilage and the Environment 571
Cooling, Freezing, Storage and Transport: Biological and Technical Aspects 358
Critical Food Issues of the Eighties 673
Developments in Sweeteners, Vol 1 357
Food and Beverage Mycology 463
Food Borne Micro-organisms of Public Health Significance 569
Food Engineering: Principles and Selected Applications 464
Food Legumes 681
Food Microscopy 678
Food Processing Enzymes . . . Recent Deveopments 235
Food Science and Nutrition: Current Issues and Answers 673
Food Texture and Rheology 679
Fundamentals of Food Canning Technology 568
Fundamentals of Freeze Drying 121
Human Nutrition and Dietetics 573
Liquid Chromatographic Analysis of Food and Beverages 236
Microbiology of Food Fermentations 237
Moulds, Toxins and Foods 122
Nutrition and the World Food Crisis 673
Nutrition in the Community: The Art of Delivering Services 120
Recommendation for Chilled Storage or Perishable Produce 680
United States Food Laws Regulations and Standards 119
Xylitol 359
Brassica napobrassica, hydrolysis products from glucosinolates in 163
Bread, prepared from storage-deteriorated flour 515
Brocothrix thermosphacta in vacuum-packed lamb 397
Butter, measurement of spreadability of 277

Canning of mango (*Mangifera indica*) 251
Capsicum, pigment changes in during maturation and ripening 241
Carbohydrates content of winged beans 477
Carbohydrates as additives to skim milk concentrates 533
Carboxyl groups, free, in meat proteins 311
Carotenoids in capsicum during maturation and ripening 241
Cheese, effects of freezing on 599
Chlorophylls in apples 493
Chlorophylls in capsicum during maturation and ripening 241
Chlorophylls, stability as food colours 501
Chromatography, high pressure liquid, in food analysis – a review 93
Citrus beverages, low methoxyl pectin for cloud stabilization in 25
Clostridium botulinum type E toxin stability in saline and acid solutions 619
Cloud stabilization in citrus beverages by low methoxyl pectin 25
Cochineal, stability of 501

Cocoa drinks, taste properties of 549
Coffee, fluoride in, measurement of 335
Colour of apples 493
Colours, natural, use in foods 501
Cooking of potatoes, assessment of 1
Cowpeas, effect of processing on vitamin and protein content of 435, 445
Cryoscopic temperature and soluble solids of fruit and vegetables 607
Cured bacon quality, effect of sex, breed and carcass pH on 629

Dehydration of onion 181
Desorption of hot-soaked parboiled paddy 329
Dry foods – long term storage 195
Drying, HTST pneumatic 217
Drying, air – of food, temperature prediction in 361
Drying, air – of grain sorghum 523
Durum wheat and semolina in pasta manufacture 125

Electrolyte solutions, prediction of water activity of 47
Emulsifying properties of potato protein concentrate 71
Energy conservation in spray drying 9
Energy utilization during microwave cooking 455
Escherichia coli inhibition by sorbic acid 543
Ethanol, discrimination between synthetic and natural in spirits and wines 407
Ethyl alcohol – See Ethanol
Extraction, aqueous, of black leaf tea 369

Fibre content of winged beans 469
Fish, chilled storage life of 285
Fish, stability of *Clostridium botulinum* type E toxin in 619
Flours, soya, effect of enzymes of functional properties 637
Flours, storage – deteriorated, bread from 515
Flours, testing baking quality of 43
Fluoride in coffee, measurement of 335
Fluorimetry to determine 3, 4 – benzopyrene and benzanthracene in smoke concentrates 413
Foaming properties of soya flour, effect of enzymes on 637
Food poisoning bacteria, inhibition of by sorbic acid 543
Fortified wines, discrimination of natural and synthetic ethanol in 407
Free amino and carboxyl groups in meat proteins 311
Freeze-drying, retention of volatile components during 577
Freezing, effects of on properties of cheese 599
Freezing temperature and soluble solids of fruit and vegetables 607
Frozen beef, ice morphology in 589
Frozen okra, quality of 429

Frozen vegetables, quality retention of 351, 353
Fruit, cryoscopic temperature and soluble solids of 607
Fruit juice, fluid physical properties of 265
Fruits, Papua New Guinean, ascorbic acid content of 459
Functional properties of soya flour, effect of enzymes on 637

Gas chromatography of volatile components of soya-based yoghurt 653
Glucose metabolism of *Saccharomyces rouxii* 421
Glucose solution, purification of 147
Glucosinolates in rutabaga, hydrolysis products from 163
Grain sorghum, air-drying of 523
Greening of vacuum-packaged meat 227

Haggis, aerobic microflora of 111
Hake, chilled Patagonian, storage life of 285
Heat recovery in spray drying 9
Heat stability of carbohydrate milk protein mixtures 533
Heat treatment of canned mango (*Mangifera*) 241
Heat treatment of intermediate moisture banana 557
Hibiscus esculentus – *see* okra
High pressure liquid chromatography – *see* HPLC
High temperature short time pneumatic drying 217
HPLC in food analysis – a review 93
HPLC to determine 3,4-benzopyrene and benzanthracene in smoke concentrates 413
HPLC to determine oligosaccharides in soya-based yoghurts 661
HPLC to determine oligosaccharides in winged beans 477
HTST pneumatic drying 217
Hydrogen peroxide, resistance of *Bacillus subtilis* spores to 169
Hydrolysis, enzymatic of potato waste 147
Hydrolysis products from glucosinolates in rutabaga 163

Ice morphology in frozen beef 589
Instron assessment of degree of cooking of potatoes 1
Intermediate moisture banana, quality of 557
Intermediate moisture foods, water activity control by solutes 47, 59
Ion exchange in purification of glucose solution 147
Isotherm equations, equivalence of 345

Jam, strawberry, loss and reactions of sulphur dioxide in 613

Lactobacillus and *Alteromonas putrefaciens* interaction in vacuum-packaged meat 227
Lactobacillus bulgaricus, acid production by, in soya-based yoghurt 647
Lamb, vacuum packaged, microbiology and storage stability of 397

Maize processing in Nigeria 85
Mangifera – see Mango
Mangoes, ascorbic acid content of 669
Mangoes, thermal processing of 251
Margarine, measurement of spreadability of 277
Maturometer for assessing spreadability of butter and margarine 277
Meat, vacuum-packaged, spoilage of 227
Meat proteins, measurements of changes in 311
Merluccius hubbsi, chilled storage life of 285
Methyl-α-D-mannopyranoside in cocoa drinks, taste properties of 549
Microwave cooking, energy utilization in 455
Milk, skim, concentrates from 533

Nigeria, maize and sorghum processing in 85

Okra, frozen, quality of 429
Oligosaccharides of soya-based yoghurt 661
Oligosaccharides of winged beans 477
Onion dehydration of 181
Onion flavour components, relative volatilities of 35
Orange juice, fluid physical properties of 265
Organoleptic assessment of storage life of chilled hake 285
Organoleptic assessment of frozen okra 429
Oxygen transmission rates through plastic films, determination of by bioluminescence 389

Paddy, parboiled, desorption of 329
Pasta, manufacture and use as food and food ingredients 125
Pectin, low methoxyl, cloud stabilization in citrus beverages by 25
Penetrometer for assessing spreadability of butter and margarine 277
Phenolic compounds in sunflower protein products 207
Phenolic smoke concentrates, 3, 4 – benzopyrene and benzanthracene in 413
Pig, effect of sex and breed on bacon curing quality 629
Pigment changes in capsicum during maturation and ripening 241
Plasma – alginate spun fibres, rheological properties of 319
Plastic films, determination by bioluminescence of oxygen transmission rates through 389
Pneumatic drying for preparation of quick-cooking dehydrated pulses 217
Potato, assessment of degree of cooking of 1
Potato protein concentrates of, emulsifying properties of 71
Potato waste, glucose solution produced by enzymatic hydrolysis of 147
Protein, concentrates, potato, emulsifying properties of 71

Protein content of processed cowpeas 435, 445
Protein content of winged beans 469
Protein, meat, measurement of changes in 311
Protein products from sunflowers 207
Psophocarpus tetragonolobus carbohydrates of 477
protein, fat and fibre content of 469
Pulses, quick-cooking, drying of 217
Purification of glucose solution 147

Quality, baking, of wheat flours, assessment of 43
Quality retention of unblanched frozen vegetables by vacuum packaging 351
green beans during frozen storage 353

Review: HPLC in food analysis 93
Review: Manufacture and application of pasta as a food and food ingredient 125
Review: Long term storage of some dry foods 195
Rheological properties of plasma-alginate dopes and fibres 319
Riboflavin in processed cowpeas 435, 445
Ripening, pigment changes in capsicum during 241
Ross' equation for predicting water activity, accuracy of 47, 59
Rutabaga, hydrolysis products from glucosinolates 163

Saccharomyces rouxii, glucose metabolism of 421
Salmonella inhibition by sorbic acid 543
Salt, effect on stability of *Clostridium botulinum* toxin 619
Scotch haggis, aerobic microflora of 111
Semolina, Durum, in pasta manufacture 125
Sensory evaluation of soya-based yoghurt 653
Smoke concentrates, 3, 4-benzopyrene and benzanthracene in 413
Solvent extraction in purification of glucose solution 147
Sorbic acid, inhibition of food poisoning bacteria by 543
Sorghum, air-drying of 523
Sorghum processing in Nigeria 85
Soy yeast, glucose metabolism of 421
Soya-based yoghurt 647, 653, 661
Soya flour, effect of enzymes on functional properties 637
Specific heat of orange juice 265
Spirits, discrimination between natural and synthetic ethanol in 407
Spoilage of vacuum-packaged meat 227, 397
Spores, *Bacillus subtilis,* resistance of, to hydrogen peroxide 169
Spray-drying, heat recovery in 9
Spreadability of butter and margarine, measurement of 227
Staphylococcus aureus inhibition by sorbic acid 543
Storage life of chilled Patagonian hake 285

Storage life of vacuum-packed lamb 397
Storage of dry foods 195
Strawberry jam, loss and reactions of sulphur dioxide in 613
Streptococcus thermophilus, acid production by, in soya-based yoghurt 647
Sugars in cocoa drinks, taste properties of 549
Sulphur dioxide, loss and reactions of, in strawberry jam 613
Sulphur dioxide treatment of intermediate moisture banana 557
Sunflower protein products 207

Taste panel assessment of degree of cooking of potatoes 1
Taste properties of cocoa drinks 549
Tea, aqueous extraction of 369
Thermal processing of mango (*Mangifera*) 251
Thiamin in processed cowpeas 435, 445
Titratable acidity of meat proteins 311
Totapuri mango, thermal processing of 251
Toxin, *Clostridium botulinum* type E, stability of 619

Ultra-filtered skim milk 533
Ultra-filtration in purification of glucose solution 147

Vacuum-packaged meats, sorbic acid to inhibit food poisoning bacteria in 543
Vacuum-packaged meats, spoilage of 227, 397
Vacuum-packaged unblanched frozen vegetables 351
Vegetables, cryoscopic temperature and soluble solids of 607
Vegetables, frozen, quality retention of 353
Vegetables, vacuum-packaged unblanched frozen, quality retention of 351
Vigna unguiculata – *See* Cowpeas
Viscosity of orange juice 265
Vitamen C – *see* Ascorbic acid
Volatile components of apples 485
Volatile components of soya-based yoghurts 653
Volatile components of retention during freeze-drying 577
Volatilities of onion flavour components 35

Water activity of aqueous solutions, prediction of 47, 59
Water activity lowering behaviour of amino acids 383
Wheat flours, testing baking quality of 43
Whippability of soya flour, effect of enzymes on 637
Wines, discrimination between synthetic and natural ethanol in 407
Wiltshire curing of bacon, effect of sex, breed and carcass pH on quality 629

Yeast, soy, glucose metabolism by 421
Yoghurt, soya-based, development of 647, 653, 661

AUTHOR INDEX

Abad, G. 599
Aicken, K. 277
Aitken, Katherine H. R. 111
Akers, J. M. 629
Akibo, O. 429
Alzamora, Stella 361
Antognelli, C. 125
Aworh, O. C. 429

Bandyopadhyay, S. 329
Baqar, M. R. 459
Bates, M. L. 407, 613
Bau, H. M. 207
Beer, N. J. 455
Benmergui, E. A. 47, 59
Bevilacqua, A. E. 589
Birch, G. G. 549
Blogg, M. J. 369
Board, P. W. 277
Bobalik, Julia M. 637
Boeri, R. L. 285
Boquuet, R. 344
Brown, K. L. 169
Buckle, K. A. 241

Chamberlain, N. 515
Chirife, J. 47, 59, 344, 383, 523
Collins, T. H. 515
Collison, R. 1, 455

Davidovich, L. A. 285
Debry, G. 207
Dick, J. 661

Edijala, J. K. 435, 445
Edwards, C. 85
Elahi, Manzoor 43
Eriksen, S. 71
Etzel, M. R. 577

Ferro Fontán, C. 47, 59, 383
Feys, M. 485
Fisher, N. 515

Garcia, V. V. 469, 477
Giannini, D. H. 285
Gibson, Jean 147
Gill, C. O. 227
Gopinathan, V. K. 217
Guegov, J. 607

Halls, N. A. 111
Harding, Charmaine D. 397
Henry, D. 111
Holland, C. R. 9
Holm, F. 71
Huss, H. H. 619

Iglesias, H. A. 344
Imeson, A. P. 319

Jayaraman, K. S. 217
Johnson, K. 1
Jolley, P. D. 301
Judson King, C. 577

Katzaboxakis, K. Z. 501
Kearsley, M. W. 501
Khan, Nawab 43
Knee, M. 493
Koleoso, O. A. 85
Kuskis, A. 277

Ledward, D. A. 319
Lee, K. H. 421
Lemaguer, M. 181
Levi, A. 557
Long, V. D. 369
Lupín, H. M. 285

McCann, J. B. 9
Macrae, R. 93, 647, 653, 661
McWeeny, D. J. 195, 407, 613
Madovi, P. B. 311
Maes, E 485
Manjrekar, S. P. 25
Mazza, G. 35, 181
Miltz, J. 389
Mitchell, J. R. 319
Moody, G. J. 335
Moresi, M. 265
Moreton, R. S. 147
Muir, D. D. 533
Mullin W. J. 163

Nath, Nirankar 251
Newell, G. 599
Newton, K. G. 227

Ogunmoyela, G. 549
Oke, M. S. 669

Okikiolu, Olufolakime O. 1
Olatunji, O. 85
Olorunda, A. O. 429
Ong, B. 335

Padival, Rajni A. 25
Padua, H. 557
Palmer, J. K. 469, 477
Pinthong, R. 647, 653, 661

Quinlan, K. 335

Rahman, F. M. M. 241
Ramanathan, L. A. 217
Ramirez-Martinez, J. R. 557
Ranganna, S. 25, 251
Riah, A. H. 335
Robach, M. C. 543
Rothwell, J. 647, 653
Roy, N. C. 329
Rye Peterson, E. 619

Scorza, O. C. 383
Shaw, B. G. 301, 397
Shepherd, M. J. 613
Silvester, D. J. 413
Smith, Q. J. 169
Soulé, C. L. 285
Spinosa, M. 265
Steinbuch, E. 351, 353
Suarez, C. 361, 523
Sweetsur, A. W. M. 533

Taranto, M. V. 637
Taylor, A. A. 301, 397
Thomas, J. D. R. 335
Thomas, M. A. 599
Thomas, P. 669
To, E. C. 543
Tobback, P. 485

Ultzur, S. 389

Viollaz, P. E. 361, 523

Warriss, P. D. 629
West, Ann 1
Wong, H. A. 421

Yong, F. M. 421

Zaritzky, N. E. 589

CONTENTS

Volume 15, Number 1, February 1980

R. Collison, K. Johnson, Olufolakime O. Okikiolu and Ann West:
Subjective and objective assessments of the degree of cooking of potatoes heated by different methods 1

C. R. Holland and J. B. McCann:
Heat recovery in spray drying systems 9

Rajni A. Padival, S. Ranganna and S. P. Manjrekar:
Cloud stabilization in citrus beverages by low methoxyl pectin 25

G. Mazza:
Relative volatilities of some onion flavour components 35

Nawab Khan and Manzoor Elahi:
A rapid batter expansion method for testing the baking quality of wheat flours 43

C. Ferro Fontán, E. A. Benmergui and J. Chirife:
The prediction of water activity of aqueous solutions in connection with intermediate moisture foods. III. a_w prediction in multicomponent strong electrolyte aqueous solutions 47

J. Chirife, C. Ferro Fontán and E. A. Benmergui:
The prediction of water activity in aqueous solutions in connection with intermediate moisture foods. IV. a_w prediction in aqueous non-electrolyte solutions 59

F. Holm and S. Eriksen:
Emulsifying properties of undenatured potato protein concentrate 71

O. Olatunji, C. Edwards and O. A. Koleoso:
Processing of maize and sorghum in Nigeria for human consumption 85

R. Macrae:
Applications of high pressure liquid chromatography to food analysis 93

N. A. Halls, Katherine H. R. Aitken and D. Henry:
The aerobic microflora of the Scotch haggis 111

Book reviews 119

Books received 123

Volume 15, Number 2, April 1980

C. Antognelli:
The manufacture and applications of pasta as a food and as a food ingredient: a review 125

R. S. Moreton and Jean Gibson:
Purification of crude glucose solution from the enzymatic hydrolysis of potato waste, by solvent precipitation, ultrafiltration and ion exchange 147

W. J. Mullin:
Hydroiysis products from glucosinolates in rutabaga (*Brassica napobrassica,* Mill.) 163

Q. J. Smith and K. L. Brown:
The resistance of dry spores of *Bacillus subtilis* var. *globigii* (NCIB 8058) to solutions of hydrogen peroxide in relation to aseptic packaging 169

G. Mazza and M. Lemaguer:
Dehydration of onion: some theoretical and practical considerations 181

D. J. McWeeny:
Long term storage of some dry foods: a discussion of some of the principles involved 195

H. M. Bau and G. Debry:
Colourless sunflower protein products: chemical and nutritional evaluation of the presence of phenolic compounds 207

K. S. Jayaraman, V. K. Gopinathan and L. A. Ramanathan:
Development of quick-cooking dehydrated pulses by high temperature short time pneumatic drying 217

K. G. Newton and C. O. Gill:
Control of spoilage in vacuum packaged dark, firm dry (DFD) meat 227

Book reviews 235

Books received 238

Volume 15, Number 3, June 1980

F. M. M. Rahman and K. A. Buckle:
Pigment changes in capsicum cultivars during maturation and ripening 241

Nirankar Nath and S. Ranganna:
Determination of thermal process schedule for Totapuri mango 251

M. Moresi and M. Spinosi:
Engineering factors in the production of concentrated fruit juices. 1. Fluid physical properties of orange juices 265

P. W. Board, K. Aicken and A. Kuskis:
Measurement of the spreadability of margarine and butter using a single pin maturometer 277

H. M. Lupín, D. H. Giannini, C. L. Soulé, L. A. Davidovich and R. L. Boeri:
Storage life of chilled Patagonian hake (*Merluccius hubbsi*) 285
A. A. Taylor, B. G. Shaw and P. D. Jolley:
A modern dry-salting process for Wiltshire bacon 301
P. B. Madovi:
Changes in the free–NH_2, free–CO_2H and titratable acidity of meat proteins 311
A. P. Imeson, J. R. Mitchell and D. A. Ledward:
Rheological properties of spinning dopes and spun fibres produced from plasma-alginate mixtures 319
S. Bandyopadhyay and N. C. Roy:
Desorption characteristics of hot-soaked parboiled paddy 329
G. J. Moody, B. Ong, K. Quinlan, A. H. Riah and J. D. R. Thomas:
The determination of fluorine in coffee and tea using a microprocessor coupled with a fluoride ion-selective electrode 335

Technical notes:
R. Boquet, J. Chirife, and H. A. Iglesias:
On the equivalence of isotherm equations 344
E. Steinbuch:
Quality retention of unblanched frozen vegetables by vacuum packing. II. Asparagus, parsley and celery 351
E. Steinbuch
The effect of heat shocks on quality retention of green beans during storage 353

Book reviews 357

Volume 15, Number 4, August 1980

P. E. Viollaz, C. Suarez and Stella Alzamora:
Temperature prediction in air drying of food materials: a simple model 361
M. J. Blogg and V. D. Long:
Aqueous extraction of blackleaf tea. IV. Pilot-scale batch-simulated continuous counter-current extraction 369
J. Chirife, C. Ferro Fontán and O. C. Scorza:
A study of the water activity-lowering behaviour of some amino acids 383
J. Miltz and S. Ulitzur:
A bioluminescence method for the determination of oxygen transmission rates through plastic films 389
B. G. Shaw, Charmaigne D. Harding and A. A. Taylor:
The microbiology and storage stability of vacuum packed lamb 397

D. J. McWeeny and M. L. Bates:
Discrimination between synthetic and natural ethyl alcohol in spirits and fortified wines 407
D. J. Silvester:
Determination of 3, 4-benzopyrene and benzanthracene (PAH) in phenolic smoke concentrates 413
F. M. Yong, K. H. Lee and H. A. Wong:
The production of volatile acids from glucose by soy yeast (*Saccharomyces rouxii*) NRRLY—1096 421
O. C. Aworh, A. O. Olorunda and O. Akibo:
Quality attributes of frozen okra as influenced by processing and storage 429
J. K. Edijala:
Effects of processing on the thiamin, riboflavin and protein contents of cowpeas (*Vigna unguiculata* (L) Walp). I. Soaking, cooking and wet milling processes 435
J. K. Edijala:
Effects of processing on the thiamin, riboflavin and protein contents of cowpeas (*Vigna unguiculata* (L) Walp). II. Alkali ('potash') treatment 445

Technical notes:
R. Collison and Norma J. Beer:
Energy utilization during microwave cooking 455
M. R. Baqar:
Vitamin C content of some Papua New Guinean fruits 459

Book reviews 463

Volume 15, Number 5, October 1980

V. V. Garcia and J. K. Palmer:
Proximate analysis of five varieties of winged beans, *Psophocarpus tetragonolobus* (L.) DC 469
V. V. Garcia and J. K. Palmer:
Carbohydrates of winged beans, *Psophocarpus tetragonolobus* (L.) DC 477
M. Feys, P. Tobback and E. Maes:
Volatiles of apples (var. 'Schone van Boskoop'): isolation and identification 485
M. Knee:
Methods of measuring green colour and chlorophyll content of apple fruit 493
M. W. Kearsley and K. Z. Katsaboxakis:
Stability and use of natural colours in foods. Red beet powder, copper chlorophyll powder and cochineal 501

N. Chamberlain, T. H. Collins and N. Fisher:
Methods for the production of acceptable bread from storage-deteriorated flours 515
C. Suarez, P. Viollaz and J. Chirife:
Diffusional analysis of air drying of grain sorghum 523
A. W. M. Sweetsur and D. D. Muir:
Properties of concentrates containing milk protein and non-milk carbohydrates 533
E. C. To and M. C. Robach:
Inhibition of potential food poisoning microorganisms by sorbic acid in cooked, uncured, vacuum packaged turkey products 543
G. G. Birch and G. Ogunmoyela:
Taste properties of cocoa drinks with an added bitter-sweet sugar: intensity/time effects 549
A. Levi, J. R. Ramirez-Martinez and H. Padua:
Influence of heat and sulphur dioxide treatments on some quality characteristics of intermediate-moisture banana 557

Book reviews 567

Volume 15, Number 6, December 1980

M. R. Etzel and C. Judson King:
Retention of volatile components during freeze drying of substances containing emulsified oils 577
A. E. Bevilacqua and N. E. Zaritzky:
Ice morphology in frozen beef 589
M. A. Thomas, G. Newell and G. Abad:
Effects of freezing on the objective and subjective properties of processed cheese 599
J. Guegov:
General correlation between the cryoscopic temperature and the soluble solids content of fruit and vegetables 607
D. J. McWeeny, M. J. Shepherd and M. L. Bates:
Physical loss and chemical reactions of SO_2 in strawberry jam production 613
H. H. Huss and E. Rye Peterson:
The stability of *Clostridium botulinum* type E toxin in salty and/or acid environment 619
P. D. Warriss and J. M. Akers:
The effect of sex, breed and initial carcass pH on the quality of cure in bacon 629
Julia M. Bobalik and M. V. Taranto:
The effect of enzymic modification on the foaming, water absorption and baking quality of defatted soya flour 637

R. Pinthong, R. Macrae and J. Rothwell:
The development of a soya-based yoghurt. I. Acid production by lactic acid bacteria 647
R. Pinthong, R. Macrae and J. Rothwell:
The development of a soya-based yoghurt. II. Sensory evaluation and analysis of volatiles 653
R. Pinthong, R. Macrae and J. Dick:
The development of a soya-based yoghurt. III. Analysis of oligosaccharides 661

Technical note:
P. Thomas and M. S. Oke:
Vitamin C content and distribution in mangoes during ripening 669

Book reviews 673